

DATA SHEET			F13			620 363		
Refractive Index	nd	1,62005	Abbe Number	Vd	36,35	Dispersion	nF-nC	0,017060
	ne	1,62408		Ve	36,09		nF'-nC'	0,017294
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>		
ni	365,00	1,66634	nF-nC	0,017060		Pe (i,h)	0,9050	
nh	404,66	1,65069	nF'-nC'	0,017294		Pe (h,g)	0,4993	
ng	435,83	1,64205	<u>Deviation of Relative Partial Dispersions</u>			Pe (g,F')	0,5168	
nF'	479,99	1,63312	delta Pe (i,F')	0,0000		Pe (F',e)	0,5223	
n488,0	488,00	1,63179	delta Pe (g,F')	0,0000		Pe (e,d)	0,2333	
ne	546,07	1,62408	delta Pe (F',e)	0,0000		Pe (d,C')	0,2443	
nd	587,56	1,62005	delta Pe (F',r)	0,0000		Pe (e,C')	0,4777	
n632,8	632,80	1,61656	<u>Chemical Properties</u>			Pe (C,r)	0,2050	
nC'	643,85	1,61582	Water Resistance	WRs	A	Pe (r,s)	0,3210	
n694,3	694,30	1,61289	Acide Resistance	AR*	3	Pe (s,t)	0,2270	
nr	706,52	1,61227	<u>Internal Transmittance</u>			10 mm		
ns	852,10	1,60671	T 365			0,772		
nt	1 013,90	1,60278	T 400			0,964		
n1060,0	1 060,00	1,60189	T 440			0,983		
<u>Termal Properties</u>			<u>Mechanical Properties</u>			T 550		
Transformation Temperature, C	Tg	460	Density, g\c.cm.	SG	3,63	T 640		
Expansion Coefficient, 10 ⁻⁷ /C	Alpha	74	Grindability	HG	HG3	0,995		
			Knoop Hardness	KH	-	Ta		
			Photoelastic Coefficient, nm\cm 10 ⁻⁵ Pa	K	2,85	0,996		
<u>Temperature Coefficient of Refractive Index</u>			<u>Other Properties</u>			Bubble		
Range of Temperature, C: - 60 ... 20, C'-Line			NTabs	30		B 4		
Range of Temperature, C: 20 ... 120, C'-Line			NTabs	48		Farbcode FC 37\35		
PG&F, TM (UA)			66			4 492 329 000		